

ABSTRACT

The present invention is a method for providing a disk of an optical tester. The disk comprises a transparent substrate that has a first surface and an opposite second surface. The disk also includes a coating on the first surface of the transparent
5 substrate. An identical coating can be applied to the second surface of the transparent substrate. The coating can have multiple layers of thin films. The present invention provides a method to determine the required thickness of the coating to enhance the sensitivity of zero flying height measurement.